20030429.qrp v02_n905.qrl.20030429

Date: Tue, 29 Apr 2003 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2905

QRP-L Digest 2905

Topics covered in this issue include:

Date: Mon, 28 Apr 2003 18:05:19 -0400
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: qrp-l@lehigh.edu
Subject: [149705] North GA QRP - TTF
Message-ID: <3EADA59F.4020507@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Our story is posted on the NoGa Web site. Go to "activities"

We used the club call sign of NQ4RP.

http://www.nogaqrp.org

We had a grand time.

Pickett, AD4S

p.s... I see a number of stories here for calls that we worked.

Date: Mon, 28 Apr 2003 19:10:40 -0400
From: Vince Santis <vsantis@earthlink.net>
To: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Cc: "Tentec (E-mail)" <tentec@contesting.com>
Subject: [149706] Thanks
Message-ID: <01C30DB9.F574F6E0.vsantis@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my inquery about short soldering irons. I've
settled on a 6 inch iron sold by Newman electronics in Marblehead MA.

Vince Santis,N1VS
Winsted, CT
vsantis@arrl.net
NEQRP # 598
PRP-L # 2372
FISTS# 8053
CC # 1161
K1 #841

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.476 / Virus Database: 273 - Release Date: 4/24/03

Date: Mon, 28 Apr 2003 16:46:48 -0700
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>

Subject: [149707] Re: QRPTTF
Message-ID: <000301c30de0$702df000$098c2640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Interesting to here about the mines after all these years. I used to explore those mines and camp in the area in the sixties, high school years, and we never thought about the dangers. Kind of in a hole as far as RF goes but nice country.   73.   Dave K2ZU

Date: Mon, 28 Apr 2003 23:37:53 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu, elecraft@mailman.qth.net
Subject: [149708] GA QSO Party
Message-ID: <5.1.0.14.0.20030428233410.02932620@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I played around in the FL QSO party again this year. Like the other state contests I kept the power level at 500 mWatts from the K1 to a dipole. This contest got off to a good start a few years back and continues to generate a lot of good activity. Sunday was the better of the two day. The skip on 20 meters was a bit long for most of Saturday, so I had trouble working the northern half of the state form here in MD. In the end I ended up with 80 QSOs into 51 of the 67 counties. I am almost convinced that had the 20 meter skip been a bit shorter I could have come off with a clean sweep. I put up a page with more details and a map of the counties worked at the website.

73 de Larry.....WD3P
http://www.wd3p.net/

Date: Mon, 28 Apr 2003 20:28:11 -0500
From: "Conard Murray" <ws4s@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [149709] WS4S QRPTTF report
Message-ID: <03ed01c30dee$99568e70$7d01a8c0@radio1>
MIME-Version: 1.0
Content-Type: text/plain;

        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This was a lot of fun .... this was the weekend for my son's Spring Cub Scout campout. How can you resist such a natural combination as ham radio and Boy Scouts?
I set up with my son's scout troop at Camp Tubb, which is just outside Rock Island, TN. Rock Island is an old trading post from when this area was still part of North Carolina. The camp is also on the shore of Center Hill Lake, which covered several small communities that were flooded when it was created.
I used K2 0074 and a 40M dipole strung up 15 feet or so in the low branches of the hickory trees. I was afraid to use any heavy artillery to get the antenna any higher than I could throw by hand because there were kids everywhere. I used Radio Shack twinlead to feed the dipole through a balun and had no problems getting a match on all bands from 80 through 15 using the KAT2 tuner.
Conditions were nasty with really poor signals on all bands, but I did manage 20 qsos on 40 and 20 during the 45 minutes or so that I found to operate. Looks like 1400 points from 12 SPC's and 2 letters. I also tried some NVIS with a couple of stations 30 miles away on SSB. We tried at 3 in the afternoon and 40 didn't work at all, but 80 worked quite well. I was surprised the 40M antenna worked at all on 80.
The kids were really interested in the CW. I didn't do a hard-sell presentation, but I encouraged the interested kids to come play with the radio and told them what the other guy was saying. I am going to do a real presentation at a future pack meeting.
73 de Conard, WS4S

Date: Mon, 28 Apr 2003 22:05:51 -0400
From: "Tom Dooley" <tdooley@attbi.com>
To: <qrp-l@lehigh.edu>
Subject: [149710] Fw: Announcment - 2003 FDIM, Dayton, OH May 15-18, 2003
Message-ID: <011001c30df3$dbe221f0$6500a8c0@tdooleyoffice>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 8bit

Well, it's about 17 days before FDIM. What is FDIM? Please go to:

http://www.qrparci.org/fdim64.html

Please be sure to get your registrations to me no later than Saturday, May 10. Please allow for sufficient mailing time, if registering by mail.

Registration information is at:

http://www.qrparci.org/FDIMregform.html

The speaker line-up is great, please look at the speaker list at:

http://www.qrparci.org/fdim64.html

Please check out the above link for the latest update on the event and building contests.

The entire weekend is wall to wall QRP heaven and even the most experienced operator/builder will gain something out of the collective wisdom that will be there.

Please be sure to come for one session/event or all. It will be well worth it!

This is the premier QRP Event of the Year. There are first class events elsewhere, but one else besides FDIM can claim four days of QRP, with the world's largest hamfest as a side attraction!

Please be sure to participate, drop by or be there. Your choice to have fun!

I look forward to seeing each and everyone of you and please be sure to thank all of the volunteers that make this a great event!

73
Tom Dooley, K4TJD
FDIM Chairman

----- Original Message -----
From: "Tom Dooley" <tdooley@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, January 29, 2003 11:29 PM
Subject: Announcment - 2003 FDIM, Dayton, OH May 15-18, 2003

2003 FDIM announcement de K4TJD. I will be the Chair of this year's FDIM, which will be my second year on the job. Last year was a real learning experience and I hope you will find that the 2003 FDIM experience will

continue the tradition of a must attend affair.

Please mark your calendars and make your arrangements to attend the QRP Premier event of the year, the Four Days in May (FDIM), scheduled for May 15, 16, 17 and 18, 2003 in conjunction with the Dayton Hamvention. For a more detailed explanation of this year's event and a view of the several past FDIM events, please visit the QRP ARCI web site @ http://www.qrparci.org/ and click on the FDIM-Dayton link. The 2003 FDIM information will be up on the web site soon. Last year, over 300 QRP enthusiasts participated in the FDIM 2002 event. Make sure that YOU are part of FDIM 2003!

Whether you come for the full four days or stop by for a FREE evening of fun, shopping, or checking out the contest entries, we would like to see you. Prizes will abound. The format will not change appreciably from prior years. Tickets for any paid function/item - Banquet ($25), Seminar ($15) - may be ordered from Tom Dooley, K4TJD, 4942 Dock Court, Norcross, GA 30092, USA. Please include your email address.

Another even more convenient way to pay is to use PayPal on the QRP ARCI web site @ http://www.qrparci.org/.

For those who are not familiar with the FDIM event, this event starts one day in advance of the three day Dayton Hamvention. This is the reason for the name, FDIM, as we add a fourth day to the Dayton event to provide a special day just for QRP seminars and get together/socials. The FDIM activities do not conflict with any of the daytime Dayton Hamvention events, while providing QRPers two additional evenings of QRP vendor displays, QRP building/design & display events, a special QRP banquet and opportunities to meet many of the our fellow QRP enthusiasts face to face. You gotta come and feel the power of QRP!

Registration: All registration information is on the QRP ARCI web site @ http://www.qrparci.org/. For your convenience, QRP-ARCI accepts payment through PayPal!

A brief description of the activities is as follows:

Thursday, all day - QRP Seminars - Registration is $15

On Thursday, from 8:00 AM until 4:30 PM, seven distinguished guest speakers will be presenting great talks that you will not want to miss. Your registration fee provides entrance to the seminar, coffee, and a copy of the proceedings. The proceedings is the printed copy of the talks that you will hear so you can make notes and review the material anytime you want in the future. Additional copies of the proceedings will be available for sale for $15.

We may have some additional activities after the seminars (can you say oh?), so please check back at the QRP ARCI web site @ http://www.qrparci.org/.

Naturally, we will have the meet the authors social on Thursday night, starting at 7:00 PM.

Friday night - Club/Vendor Night - FREE!

On Friday night (and on other nights optionally), clubs and vendors will be set up in the MAIN ballroom. This is a mini-hamfest in itself. Please contact myself for signing up as a club or vendor. Since the vendor night is known for fun and food, stand by for future announcements!

We traditionally have between 15 and 20 vendors at this event. Clubs are encouraged to set up a table to promote their club, sell their "toys", and especially to carry on the tradition set by the Cheezeheads of Wisconsin - providing munchies/hor doerves/etc. Anyone desiring a table for this event which should run from 8:30 to 11 PM Friday should let me know ASAP. If you are a vendor or a club and wish to set up at a table on other nights, that's fine too. Just find a table and pitch your tent.

Saturday night - QRP Banquet - $25

The QRP Recognition banquet will again be held on Saturday night, beginning at 7 PM. This is a full course meal and the price is $25.00. The highlight of the banquet will be the induction of new members into the QRP ARCI Hall of Fame. You can count on this - there will be the usual "load" of door prizes. To view the list of who has signed up for the banquet, go to our Registrant List.

Contests - FREE!

FDIM 2003 will have the traditional contests for homebrew and kits. We will be posting additional information soon on these events.

Hotel:

The official motel for all QRP activities is the Ramada Inn Dayton Mall. Send email to our room coordinator, Hank Kohl, K8DD, QRP_Dayton@hotmail.com, if you want to be on the list. The rate is $74 plus taxes (king may be extra), which is very competitive for Dayton on this weekend of the year.

Even more details!

Overview (to print out for your tracking):

Thursday - May 15, 2003:

QRP Symposium: 8:00 AM until 4:30 PM - Contribution $15.00
We are getting some great offers for presentations, so please check back often at the QRP ARCI web site @ http://www.qrparci.org/ for the list of presenters and topics and other up to date announcements.

Thursday Evening - May 15, 2003:
Author Social: 7:00 PM until 11:00 PM - No Charge
A chance to meet and talk with the QRP Symposium Speakers.

Friday Evening - May 16, 2003:
Vendor Social, starting at 8:30PM - No Charge
This evening is set up to allow the QRP vendors to display, demonstrate and discuss their products and latest offerings with YOU, their target audience. You get a better chance to talk to the Vendors without the other 29,000 Amateur Radio Enthusiasts! Come ready for a fun evening!

Saturday Evening - May 17, 2003:
QRP ARCI Awards Banquet - 7:00 PM to 9:00 PM - $25.00 per ticket
The annual QRP ARCI Awards Banquet honors QRPers who have made major contributions to QRP and Amateur Radio. We will announce the winners of the various "build it contests". We will hand out fabulous quality and quantity of door prizes as well as have lots of fun!

Later Saturday Evening - May 17, 2003:
Displays PLUS the Radio Show: 9:00 PM (after the Banquet) until ???? No Charge
This provides QRPers time to socialize and view the displays of the Building and Design contest entries and winners. Plus, you can display and show off your projects and collections at the Radio Show!

For the latest on the building and design contests, please visit the QRP ARCI web site. http://www.qrparci.org/

Whew, can you believe the amount of activities planned? If you have been before, you know that you must come again. If you have not made it to FDIM in the past, this is a "Have to Attend" type of event. You will not be disappointed. Please continue to monitor QRP-L, QRP-F and the QRP ARCI web site @ http://www.qrparci.org/ for additional updates and details.

Please contact me at K4TJD@arrl.net if you have any questions.

73
Tom
K4TJD

Date: Mon, 28 Apr 2003 19:37:53 -0700
From: "Glenn Maclean" <wa7spy@attbi.com>
To: <qrp-l@lehigh.edu>
Subject: [149711] Items For Sale
Message-ID: <000c01c30df8$55b5e3a0$6501a8c0@wa7spy>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the following for sale:

Nor Cal 40A Wilderness Radio with KC1 and Buzz Not Noise Blanker

$130.00

Wilderness Radio SST 20 with KC1
$100.00

Glenn Maclean WA7SPY

Date: Mon, 28 Apr 2003 20:27:22 -0700
From: "John Durant" <jadurant@astound.net>
To: <qrp-l@Lehigh.EDU>
Subject: [149712] DK9SQ vs MFJ 1910
Message-ID: <001c01c30dff$3f6c7580$40d9ea42@Durant2000>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

Would like to understand the differences between these two products. Have read the DK9SQ mast is more sturdy but cannot find a head to head comparison.

Tnx de,
John KG6CSN

Date: Tue, 29 Apr 2003 00:11:15 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: "John Durant" <jadurant@astound.net>
Cc: qrp-l@lehigh.edu
Subject: [149713] Re: DK9SQ vs MFJ 1910
Message-ID: <200304290408.h3T48T2P016640@hagus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> Hello All,
>
> Would like to understand the differences between these two products. Have
> read the DK9SQ mast is more sturdy but cannot find a head to head
> comparison.
>
> Tnx de,
> John KG6CSN
>

Here is the text of a comparison I posted to QRP-L and the 817 group back in 2001.....

I am the North American supplier of the DK9SQ mast. DK9SQ supplies me with the mast from Germany, and I do all the North American Sales except for Dayton - Walter enjoys Dayton, so he comes over each year and sells masts to pay for his trip. This year (2001) at Dayton we changed our arrangements a bit, and I will now be doing more advertizing, sales, and support here in North America. You may have noticed my ads in the major amateur radio publications the past few months.

The mast is priced at $99. Shipping in the US is $7 - either Priority Mail or UPS (I prefer UPS). Shipping to Canada is $15 (via mail). Shipping to other countries is at actual cost. I can take check, MO, VISA, or MC.

I bought an MFJ mast at Dayton to see what the differences were. Below is a description of the DK9SQ mast and the MFJ mast with the differences.

Both the DK9SQ mast and the MFJ mast are the same physical size. Both have ten tapered telescoping sections which lock by friction when extended. When collapsed the masts are 46" long. The maximum diameter of the mast is 2 1/8" at the base. It is 1 3/4" dia at the top of the bottom section. The top of the top section of each mast is less than 1/8" diameter. The MFJ has an eyelet on the top - the DK9SQ mast does not. The DK9SQ mast weighs in at 3 1/4 lbs. The MFJ is 3 5/16 lbs.

The bottom 5 sections of the DK9SQ mast have metal reinforcing rings at the top of each section. The MFJ does not. The DK9SQ mast is made of black fiberglass. The MFJ mast is made of regular fiberglass and coated with a shiny black coating.

The bottom 5 sections of the DK9SQ mast have a rough surface on part of each section to make it easier to grip the mast when extending or collapsing the mast. The MFJ is entirely coated with the shiny black coating.

The DK9SQ mast comes with a cloth carrying case, the MFJ has a clear plastic carrying case.

I have not done any destructive tests to see if there is any difference, but I would guess both masts are similar in strength. Because of the shiney coating, I would guess that the MFJ mast would collapse inside itself sooner in a wind that would work the joints loose - my opinion only - I have not had the MFJ up in a wind yet.

DK9SQ also supplies antennas that are designed to work with the mast. It appears that the size of the MFJ and the DK9SQ masts are close enough so that the antennas will also work with the MFJ mast. I have placed the center support for the loop on the MFJ, and it fits, but not a tight as on the DK8SQ mast.

These are my observations and comments. Yes - I DO have an interest in the DK9SQ mast - I sell them.

If you have questions about the DK9SQ mast or the antennas, drop me an e-mail at kanga@bright.net... More info and pictures are on my web site at www.bright.net/~kanga/kanga/ Look in the DK9SQ section....

73 - Bill - N8ET
Kanga US
kanga@bright.net
http://www.bright.net/~kanga/
419-423-4604

Date: Mon, 28 Apr 2003 22:16:24 -0600
From: "P. Ermisch" <ermisch@usa.net>
To: <jadurant@astound.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [149714] Re: [DK9SQ vs MFJ 1910]
Message-ID: <959HDCeqy4256S03.1051589784@uwdvg003.cms.usa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I think Bill Kelsey/Kanga USA explained the difference on this list withi=
n the
past 18 months. But good luck searching the archives for that.

=46rom what I remember, the DK9SQ has metal reinforcing rings on the top =
end of
each of the bottom 3 or 4 sections (strictly reinforcement, nothing for
guylines) and is a few ounces lighter. Can't remember what the other dif=
fs
are/were.

Paul KB0LUR

"John Durant" <jadurant@astound.net> wrote:
> Hello All,
> =

> Would like to understand the differences between these two products. H=
ave
> read the DK9SQ mast is more sturdy but cannot find a head to head
> comparison.
> =

> Tnx de,
> John KG6CSN
> =

> =

Date: Mon, 28 Apr 2003 23:29:32 -0700
From: "" <ab7vf@zworg.com>
To: w2rbn@prodigy.net,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [149715] Re: OT: Packet manual
Message-ID: <18290.1051597772@zworg.com>

w2rbn@prodigy.net wrote:
>
> Hello All,

>
> Does anyone have a copy of the ARRL book "Pratical Packet Radio" , order
> number 5307 they would like to sell?
>
> Thanks,
>
> Royce
  I've got a copy copyright 1995 (first ed.) you can "have" if you want
it .. send me your
  snail-mail and I'll dump it in the box for you

 Jim .. ab7vf@arrl.net

Date: Tue, 29 Apr 2003 01:05:24 -0700
From: John Rollins <kd7bcy@teleport.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [149716] Aircraft headsets
Message-ID: <a05200f03bad3de7adf2a@[63.191.200.242]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I picked up a nice Flightcom headset for cheap, now I want to hook it
up to my FT-817(or whatever else I have). The cheapest I've found the
.206" mic plugs(Switchcraft S12B for $3.08) is at Mouser, are there
any other good sources? How do I hook up the mic to the radio? Specs
from the company say the mic needs an 8-16v bias and a 220-2200 ohm
source resistance. I understand the bias voltage, but what is the
source resistance stuff? I'm sure it's something simple, but my mind
just isn't up to the task today. Also, the speakers in the unit are
600 ohm.
OK, so what do I need to do to get everything working together? TIA & 73

--

/-----------------------------------\
| http://jrollins.tripod.com/ |
| KD7BCY   kd7bcy@teleport.com |
\-----------------------------------/

Date: Tue, 29 Apr 2003 06:39:11 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [149717] Feed-lines Step-2
Message-ID: <Pine.LNX.4.44.0304290635520.1684-100000@bucket.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Step Two: Where Does the Power Go?

In Step-1 we met the Conjugate Match (CM) which is what results when we tune up the Tuner for maximum power transfer. Since a Tuner does not dissipate much power it must pass all the power to the output port. And when you tuned up the tuner for maximum power flow you caused a CM to occur at the output port and the Feed-line, and the Antenna and the Feed-line.

Power arriving at the Antenna will encounter a pure resistance due to the CM which is just as if the Antenna is at resonance. The value of the resistance is generally not the same as the Feed-line characteristic impedance which means some of the power is reflected back toward the Tuner. The rest of the power is radiated by the Antenna.

The Reflected power passes through the Feed-line and as it moves it's impedance changes. At this point a Smith Chart is useful for tracing these impedance changes. But rather than do that we can say this reflected power at the Tuner output port is re-reflected back toward the Antenna because the impedance of the Reflected power is much different than that of the output port.

This Reflected power can be dissipated by a poor feed-line and lost. A good feed-line will pass the Reflected power with little loss. To determine what feed-line to use requires a lot of calculations. We are fortunate to have software written that can do the calculations and show which are good feed-line materials. The software is called Transmission Line Details (TLD).

A fairly typical system will have a Feed-line about 75 feet long. The Antenna will have a different feed point impedance for every frequency used. So I used an impedance of 500 ohms as being representative. I first tried RG-213 coax which is an unbalanced feed-line but it proves a point. The input power was 5.0 watts and 2.568 watts arrived at the antenna. Most of the power is lost to the SWR which means Reflected Power.

Using windowed 450 ohm balanced line the results were much better. With 5.0 watts input power we get 4.871 watts to the Antenna. All of the loss is due to the resistance of the wires.

Using 300 ohm ribbon (TV ribbon) which is a balanced line the input 5 watts dropped to 4.494 watts due mostly to the additional resistance of the smaller wire.

Back around 1948 I was able to buy I think E. F. Johnson ceramic

spreaders. They were about 6 inches long and I tied number 10 wire to the ends of the spreaders using number 18 wire and made up a feed-line just like the 1935 ARRL Antenna Book showed. I knew nothing of SWR loss or CM but it didn't matter. I lost very little power in the feed-line.

You can buy the windowed 450 ohm feed-line from AES and other Ham Radio stores. There are two versions. One has a single wire of about number 18 wire. The other has stranded wire and is better.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 29 Apr 2003 08:08:18 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, Rock-Mite_Group@yahoogroups.com
Subject: [149718] Measure *AC* w DC meter
Message-ID: <3.0.2.32.20030429080818.007f9d30@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yep, use a modified RF probe for *sniffing* AC signals.

My low-budget CEN-TECH DVM has only two AC ranges -- 750 and 200 V AC.

The DC ranges include 20 and 2 V and 200 mV with 1 meg input Z.

Using an RF probe I have for the 1 meg DVM, measurements of AC voltages of the sidetone signal in a Rock-Mite were made. This signal is a square wave. The peak AC value will be a composite of the harmonics included in the signal. All you are looking for (and can expect) is a relative measurement indication. (e.g., Measure the difference across C8 when you change the value from 0.1 to 0.01 uF -- headphones used are about 16 Ohms -- 32x32 in parallel.)

One change was made in the RF probe configuration. The series coupling cap was changed to a 0.47 uF. The series resistor is 390 k Ohms. Otherwise the parts are arranged the same as the classic probe found in ARRL Handbooks.

This change provided higher level readings on the 20 and 2 V ranges. Also lower signal levels could be detected on the 200 mV range.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

----

Date: Tue, 29 Apr 2003 08:31:27 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [149719] RE: DK9SQ vs MFJ 1910
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428EB1@TX-MSG05-
CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

I have the DK9SQ mast, and have compared it to the MFJ as far a throwing =
a dipole up on it - the DK9SQ seemed sturdier to me.=20

73 de N4MVL

Lee

-----Original Message-----
From: John Durant [mailto:jadurant@astound.net]
Sent: Monday, April 28, 2003 10:27 PM
To: Low Power Amateur Radio Discussion
Subject: DK9SQ vs MFJ 1910

Hello All,

Would like to understand the differences between these two products. =
Have
read the DK9SQ mast is more sturdy but cannot find a head to head
comparison.

Tnx de,
John KG6CSN

Date: Tue, 29 Apr 2003 13:36:47 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [149720] FS: KK7B Binaurual RX Kit
Message-ID: <Law9-OE49hZovCve8Pc00006d74@hotmail.com>

For sale: KK7B Binaurual RX kit as supplied from Kanga US, complete with UVFO. Purchased from Kanga a few months ago and the RX board is 90% complete. The UVFO is still in kit form. All the parts are there, including band sensitive parts for 40,30 and 20M. Reason for sale: Have another completed Binaurual RX and it is cool ! Unique effect really turns on the on board DSP....;>}.

Original cost $120.00, will ship for $90.00

Alan, N3BJ
Bent Mountain, VA

Date: Tue, 29 Apr 2003 10:10:46 -0400
From: kwike@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [149721] Michigan QRP Net Tonight
Message-ID: <OFAAC842C6.BA173370-ON85256D17.004DDE12@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

----- Forwarded by Edward A Kwik/LS/GDYN on 04/29/2003 10:15 AM -----

EKwik@aol.com
04/29/2003 10:14 AM

To: kwike@gdls.com, MIQRPClub@yahoogroups.com
cc:
Subject: Michigan QRP Net Tonight

Last week we had 14 check-ins from eight states. Thanks for all the QNI's:

KB8BO Joe
W8IQB Lowell
N1CUU Carl
K8CV Walt
AA1MY Seab
WA8BXN Mike
K8DD Hank
WA8REI Ken
W2SH Charles
NS1E Jim

K1CL Chuck
N8KBG Ron
K8NWD/4 Tim
AF4LQ Mike

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern Time on 3.535 MHz. All hams are welcome.

Ed AB8DF

Date: Tue, 29 Apr 2003 14:44:34 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [149722] Dayton Room Share
Message-ID: <Law9-OE29ESWs38TRwy000073c3@hotmail.com>

I've got a extra bed available at QRP HQ (Ramada Inn) due a local cancelling out. Half cost would be approx $85.00 total for 2 nites -Friday and Saturday- a good deal considering Hamvention prices !
I'm a non -smoker, quiet, and will be gone most all the time roaming the fleamarket. Let me know if you are interested and I can add your name to the room.

Alan, N3BJ

Date: Tue, 29 Apr 2003 01:01:51 -0400
From: Alex <kr1st@amsat.org>
To: kd7bcy@teleport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [149723] Re: Aircraft headsets
Message-ID: <3EAE073F.C651842C@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi John,

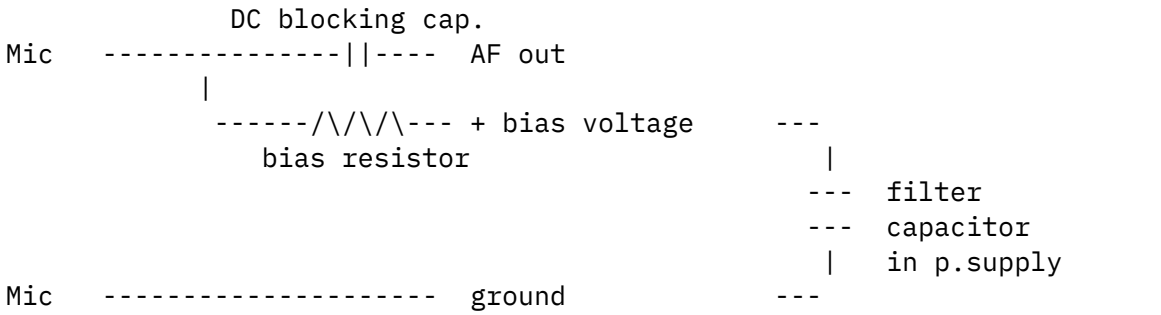
I just finished a project hooking a Sennheiser headset up to an FT-847 of a friend of mine and also just finished two projects where I hooked a cheap computer headset to an I com rig in various ways. I came across the same issues you have with your headset, so I'll try to give you an

experimenter's answer (as opposed to the expert answer). :)

John Rollins wrote:

> Specs
> from the company say the mic needs an 8-16v bias and a 220-2200 ohm
> source resistance. I understand the bias voltage, but what is the
> source resistance stuff?

You need the source resistance to make sure that the audio doesn't get shorted by the bias voltage supply source. Here is my lame attempt to some ASCII schematics to help explain it:



The bias voltage supply will probably have a filter capacitor on its output. If you'd hook this supply directly to the mic element then you are most likely shorting the the mic for audio frequencies, effectively muting it. By putting a bias resistor in line with the bias voltage source as shown above, the impedance of the voltage source will be raised higher than that of the mic input of the rig. That will ensure that the AF will "choose" the path of the mic input of the rig, rather than going through the bias voltage supply. The DC blocking capacitor is needed to prevent the DC from the bias voltage source to go back into the mic input of the rig.

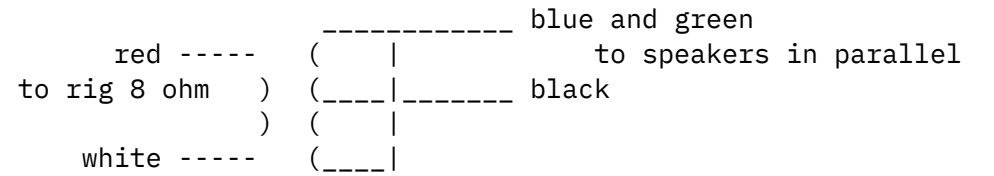
Some rigs have already the bias voltage on the mic input. In that case a dc blocking capacitor and resistor are not necessary as they are already provided by the manufacturer of the rig.

> Also, the speakers in the unit are
> 600 ohm.

My friend had a Sennheiser headset which also had a impedance of 600 ohms for the speakers. What we ended up doing is that we put the speakers in parallel so you get a total impedance of 300 ohms. You can try driving this directly from the rig's phones output (btw, I noticed that Icom rigs have the phones output sometimes wired to the mic plug,

which saves you a connector). In my friends case, the audio wasn't loud enough which was due to the impedance mismatch of course. So we ended up going through a drawer full of audio transformers to find one that would match. Fortunately, we found a 300 to 8 ohm transformer which worked excellent.

If you do not have such a transformer, then get a 8 ohm to 1k transformer from Radioshack. Hook the 8 ohm side to the phone plug that goes to the rig, and the other side to the speakers in parallel of the rig as follows:



So basically you put the two secondary 500 ohm windings (which form the total of 1 k ohms when put in series) in parallel to get a 250 ohm impedance. This will probably drive your headset nicely. If it's still not enough, then connect the speakers (still in parallel) to the blue and black wire of the transformer (500 ohm output). If that's still not enough, put them on the 1k ohm output (blue and green).

Hope this helps. And like I said, this is just how I made it work from my experimenter's viewpoint. I'm sure someone else on here can give you a much better explanation on how it all really works. :)

73,
--Alex KR1ST

Date: Tue, 29 Apr 2003 11:02:24 -0400
From: Harry Hurst <wa3ptg@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [149724] Thru-hole parts
Message-ID: <001501c30e60$579cd0d0$2600a8c0@GALAXY>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

It's been said that thru-hole parts are becomming difficult to find.

Which ones?

Please reply off the list. I'll compile and post the results. Thanks.

Hap, WA3PTG
Wilmington DE

Date: Tue, 29 Apr 2003 11:03:25 -0400
From: Radioham <radioham@comcast.net>
To: qrp-l@Lehigh.EDU
Subject: [149725] K-1 Vacation Experience
Message-ID: <5.1.0.14.0.20030429105104.00abf618@mail.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Just got back to Virginia from a week in Phoenix and some limited opportunities to use my K-1. I thought I would be able to make some contacts as I was on the 5th floor of a hotel and was able to drop a wire off the balcony (loaded up great). This was my first HF experience in the west and I must have picked the wrong time of the month. I knew there would be some problem operating at 11 PM or later as this was 3 hours earlier than the east coast (2 AM there), but the bands were very quiet (40, 10, 20 and 15). I really didn't expect much other than on 40, but even that was pretty bad. I did hear several stations, including Doc, K0EVZ, but they did not hear my 1.5 watts. I did get a few "Sri, OM, can't pull you out," replies, so I know I had marginal output. Maybe next time I'll get in some daylight operation or the bands will be better.

I did get nailed by the TSA on the way home - this was the first time ever I have been asked to empty my carry on. It had a digital camera, a CD player, a HT and the K-1 in a plastic lunch bag with antenna wire, paddles and some other stuff. They didn't care about any of that - not even a question as to what it was - but they did confiscate my leatherman pliers - and they were right to do so - it has a pretty nasty blade in addition to the other stuff on it. Funny thing is that the tool had been in a side compartment of the bag for my past 6 flights and this was the first time I was stopped by the x-ray machine. I had completely forgotten it was there - I had even packed another in my stowed baggage, which did get through OK.

Makes you wonder what got through before with other people :-).

72/73,

Steve, N4EUK
Reston, VA

Date: Tue, 29 Apr 2003 10:09:58 -0500
From: "David Durant" <n4xce@bellsouth.net>
To: <qrp-l@Lehigh.EDU>
Subject: [149726] QRP Books for sale
Message-ID: <00b501c30e61$662f5360$4fac3fd0@workstation>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

the books have been slod .thanks to all who replied.David N4XCE

Date: Tue, 29 Apr 2003 11:20:11 -0400
From: Kenneth Cooperstein <cprstn54@att.net>
To: qrp-l@Lehigh.EDU
Subject: [149727] MFJ-860 for QRP?
Message-ID: <3EAE982B.D6F43E01@att.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Anyone successfully twiddle their 30/300 watt MFJ-860 so it works
instead as 6/60 watts?

Ken KC2JDY

Date: Tue, 29 Apr 2003 10:51:22 -0500
From: bob evinger <wd9eka@evinger.com>
To: kd7bcy@teleport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [149728] Re: Aircraft headsets
Message-ID: <3EAE9F7A.1090903@evinger.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Sounds like it might be a military headset. I used an old helo military
observation helmet for a while in my experimental plane. I ended up
being able to use the builtin earphones but ended up buying a civilian

mike element. At the time I just couldnt get that mil mike element to work, or at least get me decent audio into the aircraft or ham gear I was trying to use. Nothing like 5 watts on 2 meters at a couple of thousand feet. Just got to remember to always make sure when trying to talk to the locals on a repeater frequency to set the radio to simplex on the output. Made the mistake once of keying up on one of the local repeaters without switching to simplex and must of brought up every repeater within 300 miles, oops.

    bob

John Rollins wrote:
> I picked up a nice Flightcom headset for cheap, now I want to hook it up
> to my FT-817(or whatever else I have). The cheapest I've found the .206"
> mic plugs(Switchcraft S12B for $3.08) is at Mouser, are there any other
> good sources? How do I hook up the mic to the radio? Specs from the
> company say the mic needs an 8-16v bias and a 220-2200 ohm source
> resistance. I understand the bias voltage, but what is the source
> resistance stuff? I'm sure it's something simple, but my mind just isn't
> up to the task today. Also, the speakers in the unit are 600 ohm.
> OK, so what do I need to do to get everything working together? TIA & 73
>

--
Bob Evinger   WD9EKA/AAR5MG(Army MARS operator)
If Guns Cause Crime, Then Matches Cause Arson.

Date: Tue, 29 Apr 2003 12:00:18 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
        <fpqrp-l@mpna.com>
Subject: [149729] Flying Pigs at Dayton Arena flea market.
Message-ID: <004901c30e68$6ee40210$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi All,

The FP group has an outside table in the flea market area
at the Dayton 2003 HamFest. If you get a chance, stop by and
say hello. We'll be taking pictures and just plain having fun.

http://partsandkits.com/dayton03.html

PS: We'll be operating at the site on 20 meters using a 1/2 wave
vertical and the soon to be world famous multiPIG+ rig.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop http://kitsandparts.com

Date: Tue, 29 Apr 2003 12:29:33 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [149730] Re: K-1 Vacation Experience
Message-ID: <5.1.1.6.1.20030429122326.00a75780@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>They didn't care about any of that - not even a question as to what it was
>- but they did confiscate my leatherman pliers - and they were right to do
>so - it has a pretty nasty blade in addition to the other stuff on
>it. Funny thing is that the tool had been in a side compartment of the
>bag for my past 6 flights and this was the first time I was stopped by the
>x-ray machine. I had completely forgotten it was there - I had even
>packed another in my stowed baggage, which did get through OK.
>
>Makes you wonder what got through before with other people :-).

Steve,

My brother has an artificial foot with some serious metal in it. He
frequently gets stopped and wanded at the airport (he travels on business a
bit), but he takes it in stride. (I can't believe I just said that. Sorry.)

Last week he told me about going though the security gate at a small
municipal airport and the magnetometer didn't even peep. THAT got his
attention. He approached one of the guards and suggested he have someone
check it out, because it should have registered his leg. (He lifted one
pant leg to prove his point.) The guard just told him to move along, he was
holding up the line. My brother moved out of that way and noticed that as a
comely young woman approached the magnetometer, the guard reached around
the side of the device and appeared to flip a switch. As the young woman
passed though, it beeped and she was taken aside to be frisked.

Interesting fringe benefits these guards have sometimes.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 29 Apr 2003 10:18:28 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: Doug Hendricks <ki6ds@dospalos.org>, Dave Fifield <dave@ad6a.com>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [149731] Re: QRPTTF Log
Message-ID: <3EAEB3E1.D3EF50D7@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Doug & Dave,

I missed out QRPTTF myself due to two unavoidable kids' birthday parties. Next year I'll sneak off and operate from the bathroom with a wire tossed out the window (don't laugh--I've tried this) ;)

Sorry to hear that you had trouble with your K1. As far as I can tell, this is a first. There are over 1500 K1's in the field, but neither I, Eric, or Gary have ever heard of a K1's power output dropping to near zero inexplicably. The PA transistor is a 2SC1969, the same one that Dave used in his NC20 and RHR designs, I believe. It's an extremely rugged device, and we're using it well below its rated power output in the K1. We also heat sink it very well, with over 20 square inches of surface area (namely the side panel).

Right after I saw your posting, I asked Gary to test the K1 into worst-case antenna loads. He operated it into both open loads and dead shorts for over 1 minute, at maximum power, and nothing happened other than a warm side panel. He repeated the test with and without the K1's internal autotuner installed (KAT1). (BTW: Next time you guys take the rig out, let me loan you a KAT1 to try. From reading Dave's detailed report, it sounds like you found a few bumps in the road with your external antenna tuners on this trip!)

Dave: If you believe the problem was something other than loose PA hardware or another simple explanation, please send the unit to us and we'll have a look at

it for you. We haven't seen any other field failures of the K1, but we're constantly improving our products and we're anxious to determine the cause in your case.

73,
Wayne
N6KR

--

http://www.elecraft.com

Date: Tue, 29 Apr 2003 10:21:11 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: "Li'l Piggies" <fpqrp-l@mpna.com>,
        a low-energy group <qrp-l@lehigh.edu>,
Subject: [149732] Altoid-compliant CPO specs needed
Message-ID: <20030429172111.76976.qmail@web41009.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

   I'll have, hopefully, a couple of sets of paddles to show at Dayton, and I'd like to have something to plug them into so folks can try them out. Anyone know of a source for some kind of CPO/keyer thingie that might even fit in the standard QRP enclosure? I have the keyer chip from my Rock-Mite, which was replaced with an RMK...could that be used?

   Thanks in advance,

=====
73, 72 es oo, Lloyd, K3ESE
  K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr
        ARRL - ARS #1301 - FISTS #8774 - WATPK #8
               FPqrp #476 - BORG #2 - QRParci #11147
                     QRP-L #2415 - SOC #530
                          Fun = Skill / Power
                "You can't spell Lloyd without lol!"

Date: Tue, 29 Apr 2003 17:49:44 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [149733] Back from MN
Message-ID: <Law9-F717XGeFaatao800016e80@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, I managed to spin by ABC (www.abctest.com) and Ax Man Surplus (Saint Paul store) while in MN. It had been almost two decades since I had tramped around the warehouse district of Minneapolis. If ABC had been there then, I don't recall it. ABC's entrance is a stairway in a brick wall. I called up to ask whether it was the "front door". ABC has a good selection of stuff very WELL ORGANIZED but I must admit that I only picked up some ferrite toroids and a big suction cup with two finger holes for a young nephew that has a fascination with such things. Many things in the store seemed a wee bit expensive but the toroids went for only $0.10 each. There were quite a few different ferrites but these ones were FT-50 and FT-50A sized and appear to have an AL of about 3000 mH/1000 turns so I guess that they may be similar to type 75 material. Also, lots of test equipment there, too .... and spools and spools of fine resistance wire. Ax Man also had some of that. Must have been common stuff used by someone in the Twin Cities.

Ax Man's was a trip down memory lane. Not too much electronic stuff in there but there never was. Wierd stuff, yeah, lotsa that. One thing interesting that I found were some unijunction transistors (2N4852). The bin said only that they were "transistors" so I imagine that they did not know what they had. One thing is for sure, if you don't have a "pot to piss in", you can get one there ... Pyrex, no less. :-)

Brad KG6IOE

Date: Tue, 29 Apr 2003 11:19:58 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [149734] QRP TTF
Message-ID: <006f01c30e7b$f22fefe0$2e20f4d8@tjacobs>

MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Just a quick report of our QRP TTF activity. Don NK6A, Nelson WB6DWD, and myself operated as NK6A from San Vicente Mountain Park, a restored Nike nuclear missile command center that went offline in the 70's. I'll have a web page up soon with lots of neat pictures. We had a great time, working 76 stations on 15, 20 and 40 meters. Don was the man on 20 with his K2, Nelson was operating on 15 with a K1, and I spent the day on 40 with my K1. Thought I was going to be a bit lonely, but 40 was quite active for daytime. Lot's of familiar calls in there. I'll get the web site up soon with full details and a log...take care...

73's Trev KG6CYN
http://www.qsl.net/kg6cyn

Date: Tue, 29 Apr 2003 14:02:35 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: Qrp-l@lehigh.edu
Subject: [149735] OT Inexpensive 10 Turn 100K pots
Message-ID: <5.2.0.9.0.20030429135644.00a82a90@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For you experimenters out there, here is some 100K 10 turn pots, great for homemade receivers or test instruments.

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=26207&item=2523060733>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=296&item=3018428285>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=4660&item=2523058656>

No personal interest, other than seeing that people that could use this part get some at a good price.

Cecil
KD5NWA

Date: Tue, 29 Apr 2003 12:24:21 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-l@lehigh.edu>
Subject: [149736] FYBO 2003 Scores-posted
Message-ID: <000001c30e84$f1fdf450$204998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

The results for FYBO 2003 are posted at:

http://www.extremezone.com/~nk7m/fybores.htm

Thanks to all who participated...quite a turnout compared to the past,
and it looks like everyone had fun.=20

Now to gear up for BUBBA '03. Details will be posted sometime in early
July.

Bob NK7M

Date: Tue, 29 Apr 2003 13:29:20 -0600
From: na5n@zianet.com
To: qrp-l@lehigh.edu
Subject: [149737] QRPTTF de Riley
Message-ID: <20030429192920.19357.qmail@klaatu.zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
Gee we had fun in downtown Riley for QRPTTF. Drove out friday after
work, getting there about dark to get the little RV parked. Then it
really got dark. No man made lights to be seen at all, plus you are in
a hole surrounded by mountains. Even the glow from Albuquerque could not
be seen. So dark, it was very difficult to make out the constellations
from all the bright stars. And quiet. Deathly quiet. Ghostly quiet.
All I could hear was ringing in my ears. And no ear wax problem to
my knowledge.

Saturday morning, setup up two stations. Jan N0QT station was setup by
the old Catholic church and a pavillion building. I setup several hundred

yards to the east in the remnants of an old adobe house, complete with a rusted old woodburning kitchen stove. There was a small tree nearby, which I tied my vertical to, in case it got windy. Last time (1996), the wind was so strong, all of our antennas had come down inspite of guy wires. My only problem was awaking saturday morning and finding my battery tipped over on the ground and leaked some acid. Perhaps I knocked it over moving around in the pitch dark friday night. As a result, the voltage was only 10.6v, and dropped to 9.6v on transmit. Yuck! Inspite of that, the FT-817 seemed to work OK and I chugged out 43 QSO's with that anemic battery. Who knows what my actual output power was. A few 339 and 229 reports suggested it wasn't all that hot :-)

Riley is a true ghost town, population zero. But, about noon, several trucks of people showed up ... families and descendents of the original inhabitants. They are planning a big town reunion and fiesta in Riley at the end of May and were there cleaning up the town and making repairs for the upcoming fiesta. Two pickup trucks hauling cattle tanks full of water were used to water the trees they had recently planted. From talking to them, there is clearly a strong desire to keep the spirit of Santa Rita, or Riley, alive. While they didn't understand exactly what we were doing, they were elated to find out we were keeping Riley alive and on the map as well. Impressed enough that we received several invitations to attend their fiesta next month ... which we both wouldn't miss for anything. I think Jan and I are now official honorary citizens of Riley, and proud of it.

THE WIND? I got such a kick out of how many people asked me about the wind during QRPTTF. It started out calm, started getting windy about noon, and after 3pm, the wind was blowing up to 30-35mph with occassional walls of dust blowing off the dry river bed and a few dust devils. Everything, including me, had a coat of sand and dirt on it. However, it was nothing like we experienced in 1996. But still, fairly windy and the reputation of Riley preserved. However, Rod N0RC and gang at Sherman, WY, may have "out winded" us this time. When I worked them, I should have asked about the wind. Every year I say "I'm gonna buckle down and do some serious damage this year." Especially this year, without Doug KI6DS pesty distractions :-) But it never happens. Had about the same 40-50 QSO's I always seem to manage. Simply because the whole thing of QRPTTF, getting to the site, setting up camp, yacking to visitors and friends and generally messing around like the immature and irresponsible guys many of us are, and without adult supervision to boot, well, heck ... that's the fun of it! I had a blast on the air and off, and really enjoyed the history lessons we got from the original town inhabitants that were there.

After my batteries pretty much gave up the ghost (pun intended), worked a few more QSO's from Jan's station. She would work someone, then me. Called CQ time after time with no answers. Finally sent CQ using Jan's call. She looked at me funny, like what was I doing plagerizing her

call? But the couple of times I did that, I immediately got a 3 station pileup going. Who says there's nothing to the YL factor? Us guys are a sucker for a YL every time ... even on CW :-)

It was great working everyone. About half my contacts were my old, long time friends I always love to work on the air, while the other half were new calls, never heard of before. It's also great to see and work new QRPers on the air as well. This may have been the first QRPTTF for some of you, and hope you had as much fun as we did. The biggest problem I'm experiencing is I remember the operators name about 1 second after the "dit dit" of the contact. Must be old age ... naw, I'm sure it must be some vitamin deficiency thing instead. And it was great QSOing many of the stations who had posted about their ghost town, lumber camp, abandoned docks and waterways, Nike site, etc. Really cool.

And lastly, learned that Jan can make a mean pot of perculated camp coffee. If you haven't had a cup of percolated coffee lately, then you've forgotten what real coffee taste likes. These drip things don't cut it. I'm telling you, you gotta try it for the memory. Besides, you can almost get high off the stuff :-) Well, at least at 6,000 feet you can. That makes QRPTTF worth it right there -hi.

We got some photos of our stations at Riley, which Jan will get up on her website before long I'm sure. I've really enjoyed seeing the photos some of you have made available on your websites. Lotsa fun. Like that lame story Doug posted about how he, Paul Maciel and Dave Fifield were gonna operate from some old abandoned fishing thing that used to be an Indian Village wiped out by the dinosaurs or something. What a crock. Then the guys posted pictures of it. Dang, I stand corrected! My apologies for ever doubting you're operating from whence you claim.

Did I mention the wind?

72, Paul NA5N

Date: Tue, 29 Apr 2003 15:48:02 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [149738] Sturdy Mast
Message-ID: <91.2d55e36c.2be030f2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have the DK9SQ, 5 Black Widow 20ft telescoping poles, 2 SD-20 and 1 SD-17

poles and a pair of Cabela 14ft Panfish poles (collapse to 15 inches) and a pair of 42 ft telescoping aluminum poles . Each are good for a paticulr purpose. If you are looking for a good solid portable mast that will yield little under weight of coax and antenna wire you may want to seriously look at the telescoping fiberglass windsock pole from the MAST COMPANY. It would be ideal for the St. Louis Loop single mast apex support, too

http://www.tmastco.com/TelepolePage.htm

A friend Dave K2ZU brought his by and it is impressive and definitely fills a need in the portable antenna/mast department. You may want to look at one (or two) of these depending on the antenna you favor. Collapsed it is 47 inches and weights about 3 lbs. The heavy duty is a nice dark green color and meet most antenna needs

Remember as I pointed out pick your antenna THEN your support system......

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL
___ ___ . . . . . . ___ ___ DIT DIT

Date: Tue, 29 Apr 2003 16:06:07 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: Qrp-l@lehigh.edu
Subject: [149739] 2N3501 Experience
Message-ID: <5.2.0.9.0.20030429160123.00a72718@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone in the group have any experience using a 2N3501 transistor as a QRP RF output transistor? Good/Bad? let me know please. It has very high gain , 150 V CE rating and a 150 MHz FT, which looks good on paper.

Thanks

Cecil
KD5NWA

End of QRP-L Digest 2905
****
